

# MasterLife 2006

Corrosion inhibiting admixture

## Material Description

**MasterLife 2006** is a powdered corrosion inhibiting concrete admixture supplied in a convenient, degradable bag for easy dosing of concrete mixes. **MasterLife 2006** contains migratory corrosion inhibitors to protect reinforcing steel, carbon steel, galvanised steel and other metals embedded in concrete from corrosion induced by carbonation, chloride and atmospheric attack. **MasterLife 2006** protects by a time proven migratory inhibition mechanism. When incorporated into the concrete mix, **MasterLife 2006** forms a corrosion inhibiting protective layer on the metals.

## Areas of Application

- All reinforced, precast, prestressed, post tensioned or marine concrete structures.
- Steel-reinforced concrete bridges, highways and streets exposed to corrosive environments.
- Parking decks, ramps and garages.
- All reinforced marine concrete structures.
- Concrete piers, piles, pillars, pipe and utility poles.
- Restoration and repair of all reinforced concrete, commercial and civil engineered structures

## Characteristics and Benefits

**MasterLife 2006** offers engineers, owners, contractors, and government authorities a time proven corrosion inhibiting technology that will extend the life of all reinforced concrete structures.

- Protects against the harmful effects of corrosion even in the densest concrete.
- Required dosage is not affected by the chloride concentration.
- Does not contain any calcium nitrite.
- Non-hazardous and non-toxic.
- Safe and environmentally friendly.
- Technology is lab and field tested worldwide.
- Concentrated for cost effectiveness on all projects.
- Protects both anodic and cathodic areas.
- Will migrate to adjacent areas to protect surrounding metals.

## Properties

Appearance	White to off white powder
pH	11.5 – 12 (1% solution)

## Application

**MasterLife 2006** can be added to concrete at the premix plant, directly to the premix truck drum or to portable mixers. Concrete should be mixed thoroughly.

The plastic and hardened properties of concrete are not significantly affected by **MasterLife 2006** – very slight retardation may be experienced; tests have shown **MasterLife 2006** to improve compressive strength at 7 and 28 days.

## Estimating Data

**MasterLife 2006** is recommended for use in concrete at a dosage rate of 0.65kg per m<sup>3</sup>.

## Packaging

**MasterLife 2006** is available in boxes of 40 x 0.65kg degradable bags. This results in easy dosing – 1 x bag per m<sup>3</sup>.

## Storage & Shelf Life

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

**MasterLife 2006** has a shelf life of 24 months.

## Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.



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## Disclaimer

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### STATEMENT OF RESPONSIBILITY

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